

**LOW LEVEL ZENER DIODES
SHARP KNEE, LOW IMPEDANCE
K511 - K681**

- Unique manufacturing process
- Remarkably sharp breaking diodes
- Very low impedances at low current levels
- Lowest values of impedance ever achieved at the 250uA level

PART NUMBER	NOMINAL ZENER VOLTAGE @ $I_z = 250\mu A$ (Vdc)	DYNAMIC IMPEDANCE		REVERSE CURRENT @ 25° C	
		MAX Z_z @ $I_z = 250\mu A$ (OHMS)	MAX Z_{zk} @ $I_z = 1\text{ mA}$ (OHMS)	MAX I_r (μA)	V_r (Vdc)
K511	5.1	50	15	.05	2.5
K561	5.6	45	15	.05	3.5
K621	6.2	35	18	.05	5.6
K681	6.8	25	18	.05	6.4
<div> <div> Package Style DC Power Dissipation Derate above 50° C Forward Voltage Drop Operating Temperature (Topr) Storage Temperature (Tstg) Voltage Tolerance: </div> <div> @ Ta = 50° C @ If = 100 mA Standard Device </div> <div> DO-7 250 mW 2 mW / °C 1.3 Vdc -65 to + 175° C -65 to + 200° C ±10% </div> </div>					